

Appl. No. 10/030,994
Att. Docket No. 10191/2149
Reply To Office Action of 09/08/03

Amendments to the CLAIMS:

Without prejudice, this listing of the claims replaces all prior versions and listings of the claims in the present application:

LISTING OF CLAIMS:

1-13. (Canceled)

14. (Previously Presented) An electronic device, comprising:

 a housing part including at least one closable opening and a plug-in part;
 a printed circuit board accommodated in the housing part;
 at least one of an electrical component and an electronic component arranged on the printed circuit board;
 a plurality of electrical contact elements electrically connected to the plug-in part,
wherein:

 the plurality of electrical contact elements include ends in a housing interior running parallel to each other and protruding in a direction of the at least one closable opening,

 the ends pass through contact openings of the printed circuit board and are conductively connected to the printed circuit board, and

 the printed circuit board is flexibly supported in the housing part by the electrical contact elements;

 a plurality of elastically deformable segments arranged on parts of lengths of the electrical contact elements not inserted into the contact openings; and

 a plurality of damping elements via which the printed circuit board is joined at least indirectly to the housing part.

15. (Previously Presented) The electronic device according to claim 14, wherein:

 the elastically deformable segments are flexibly deflected at least in one direction perpendicular to the printed circuit board.

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16. (Currently Amended) The electronic device according to claim 14, wherein:
the elastically deformable segments are ~~flexibly deflected~~ flexible in three spatial directions.
17. (Previously Presented) The electronic device according to claim 14, wherein:
when plugged in, the printed circuit board is slipped onto the ends of the electrical contact elements such that the ends penetrate in a contacting manner into the contact openings.
18. (Previously Presented) The electronic device according to claim 14, wherein:
the ends are soldered to the contact openings.
19. (Previously Presented) The electronic device according to claim 17, further comprising:
a plurality of stop elements that limit a deflection of the elastically deformable segments in a plug-in direction of the printed circuit board onto the ends of the electrical contact elements.
20. (Previously Presented) The electronic device according to claim 19, wherein:
the stop elements are formed by fixed segments of the electrical contact elements contacting an interior wall of the housing part opposite the at least one closable opening.
21. (Previously Presented) The electronic device according to claim 14, wherein:
end faces of the printed circuit board are separated by a gap from interior walls of the housing part.
22. (Previously Presented) The electronic device according to claim 21, wherein:
the damping elements are inserted into the gap and connect an edge area of the printed circuit board to the housing part.

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23. (Previously Presented) The electronic device according to claim 14, wherein:
- an interior wall of the housing part includes a step, and
 - an upper side of the step facing the printed circuit board forms a stop for the printed circuit board when the printed circuit board is slid onto the electrical contact elements.
24. (Previously Presented) The electronic device according to claim 23, wherein:
- the damping elements are situated between a side of the printed circuit board facing away from the at least one closable opening of the housing part and the upper side of the step.
25. (Previously Presented) The electronic device according to claim 14, wherein:
- each of the damping elements includes an elastomer.
26. (Previously Presented) The electronic device according to claim 25, wherein:
- the elastomer is a liquid silicon rubber.
27. (Previously Presented) The electronic device according to claim 26, further comprising:
- a plurality of flow stop elements arranged at a location of the damping elements and for restricting the liquid silicon rubber that is still capable of flowing immediately after the liquid silicon rubber is applied.